

What is claimed is:

1 1. *Sub A5* An external storage subsystem comprising:
2 a cache memory to store data temporarily; and
3 an interface through which a connection with a supervisory unit can be
4 established for reading and writing data, wherein:

5 staging of the data into the cache memory and destaging of the data from
6 the cache memory are performed according to an instruction from the supervisory unit,
7 the instruction formulated by the supervisory unit according to a selectable criteria.

1 2. An external storage subsystem having a cache memory to store
2 data temporarily, and in which user data is stored in the cache memory or removed from
3 the cache memory based on user defined information or upon operating information of
4 the external storage subsystem.

1 3. The external storage subsystem as claimed in claim 1, in which the
2 storage in or removal from the cache memory of the user data is executed in a processing
3 unit of data-set domain.

1 4. The external storage subsystem as claimed in claim 2, in which the
2 storage in or removal from the cache memory of the user data is executed in a processing
3 unit of data-set domain.

1 5. An information processing system having an external storage
2 subsystem which has a cache memory, and a host unit which is connected to the external
3 storage subsystem and executes writing and reading data to the external storage
4 subsystem, and in which

5 the host unit has a host utility program to manage data in the cache
6 memory, and user defined information or operating information of the external storage
7 subsystem for execution of a host utility program; and

8 the external storage subsystem receives instructions based on the user
9 defined information or the operating information and executes storage of a set of user data
10 in the cache memory or removal of a set of user data from the cache memory.

1 6. The information processing system as claimed in claim 4, in which
2 the storage of a set of user data in the cache memory or removal of the user data from the
3 cache memory is executed in a unit of data-set domain.

1 7. The information processing system as claimed in claim 4, in which
2 the user defined information includes a data-set name which is entered from a terminal
3 connected to the host unit.

1 8. The information processing system as claimed in claim 5, in which
2 the user defined information includes a data-set name which is entered from a terminal
3 connected to the host unit.

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